

APR 2005  
2005  
Docket No.: 12810-00231-US  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Ulrich Schwaneberg

Application No.: National Phase of  
PCT/EP2004/010911

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: A PROCESS FOR SEQUENCE  
SATURATION MUTAGENESIS (SESAM)

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

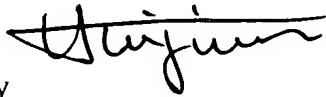
Of the documents listed on the attached SB/08 are the patent documents cited in the International Search Report during the prosecution of international application no. PCT/EP 2004/010911, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(b)(2), Applicants hereby submit these documents for the Examiner's consideration. Copies of the International Search Report and International Preliminary Examination Report and of each document required under 37 CFR 1.98(a)(2) are enclosed as well.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that

such document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 12810-00231-US.

Respectfully submitted,

  
By \_\_\_\_\_

Hui-Ju Wu

Registration No.: 57,209  
CONNOLLY BOVE LODGE & HUTZ LLP  
1007 North Orange Street  
P.O. Box 2207  
Wilmington, Delaware 19899  
(302) 658-9141  
(302) 658-5614 (Fax)  
Agent for Applicant

454945

IAP20 Receipt Date 28 MAR 2006

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Ulrich Schwaneberg
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	12810-00231-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA*	US-6,238,884	05-29-2001	Short et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
BA	WO-03/050305	06-19-2003	Seegene Inc.		T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	Xu, H. et al., "Random Mutagenesis Libraries: Optimization and Simplification by PCR", BioTechniques, 1999, Vol. 27, No. 6, pp. 1102-1108.			
	CB	Zaccolo, M. et al., "An Approach to Random Mutagenesis of DNA Using Mixtures of Triphosphate Derivatives of Nucleoside Analogues", J. Mol. Biol., 1996, Vol. 255, pp. 589-603.			
	CC	Arnold, F. H. et al., "How Enzymes Adapt: Lessons from Directed Evolution", Trends in Biochem. Sci., 2001, Vol. 26, No. 2, pp. 100-106.			
	CD	Cadwell, R. C. et al., "Randomization of Genes by PCR Mutagenesis", PCR Meth. Appl., 1992, Vol. 2, pp. 28-33.			
	CE	Cadwell, R. C. et al., "Mutagenic PCR", PCR Meth. App., 1994, Vol. 3, pp. S136-S140.			
	CF	Kuipers, O. P., "Random Mutagenesis by Using Mixtures of dNTP and dITP in PCR", Meth. Mol. Biol., 1996, Vol. 57, pp. 351-356.			
	CG	Lin-Goerke, J. L. et al., "PCR-Based Random Mutagenesis Using Manganese and Reduced dNTP Concentration", BioTechniques, 1997, Vol. 23, pp. 409-412.			
	CH	"Recombinant DNA", in Methods in Enzymology, Part F, Wu R., Editor, Academic Press Inc., 1987, Vol. 55, pp. 555-569.			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered
--------------------	--	-----------------